
Product Data Sheet

Product Name: MAF1 Human
 Cat. No.: GP23862
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MAF1 homolog (<i>S. cerevisiae</i>); Repressor of RNA polymerase III transcription MAF1 homolog; homolog of yeast MAF1; MGC20332; MGC31779; MGC39758; DKFZp586G1123.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MKLLENSSE AINSQTLVET GDAHIIGRIE SYSCKMAGDD KHMFKQFCQE GQPHVLEALS PPQTSGLSPS RLSKSQGEE EGPLSDKCSR KTLFYLIATL NESFRPDYDF STARSHEFSR EPSLSWVVNA VNCSLFS AVR EDFKDLKPQL WNAVDEEICL AECDIYSYNP DLDSDPFGED GSLWSFNFF YNKRLKRIVF FSCRSISGST YTPSEAGNEL DMELGEEVE EESRSRGSGA EETSTMEEDR VPVICI		
Formulation	The MAF1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.		

Introduction

MAF1 resembles Maf1 which is a *Saccharomyces cerevisiae* uC a highly conserved protein in eukaryotic cells, localized to the nucleus. MAF1 Interacts with BRF2, MAF1 and functions as a mediator for signals which explicitly inhibit RNA polymerase III (Pol III) activity by inhibiting the association of TFIIB to DNA. MAF1 reacts to modifications in the cellular environment and represses pol III transcription.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

MAF1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

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chain containing 276 amino acids (1-256) and having a molecular mass of 31.0 kDa. The MAF1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

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